

$$\begin{aligned} & \frac{\partial \mathbf{u}}{\partial t} + \mathbf{u} \cdot \nabla \mathbf{u} = \nu \nabla^2 \mathbf{u} + \mathbf{f} \\ & \frac{\partial \theta}{\partial t} + \mathbf{u} \cdot \nabla \theta = \kappa \nabla^2 \theta + \mathbf{f}_\theta \\ & \frac{\partial \omega}{\partial t} + \mathbf{u} \cdot \nabla \omega = \kappa \nabla^2 \omega + \mathbf{f}_\omega \end{aligned}$$


[illegible]

jc474 U.S. PRO  
10/064950  
09/03/02

**Submission Type: Utility Patent Filing**

Attorney Docket  
Number:

112231

# SYSTEMS AND METHODS FOR A DIGITAL INFORMATION AUTOMATED TELLER MACHINE

First Named Inventor: Ms. Erin L. Conner

## SUBMITTED BY

Name:

**Mr. Thomas J. Pardini**

Registration Number:

30411

Electronic Signature Mark: /Thomas  
J. Pardini/

Date Signed: 20020903

*I certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.*

*I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.*

**Attached Files:**

declaration

dec1.tif

declaration

dec2.tif

declaration	dec4.tif
specification	OB112231.xml
bibd-transmittal	X112231apds.xml
patent-assignments	X112231asgn.xml
fee-transmittal	X112231fee.xml

**Attached Image File(s):**

dec1.tif  
dec2.tif  
dec4.tif

Comments:

# DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:  
My residence, post office address and citizenship are as stated below next to my name; that  
I verily believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint  
inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the  
invention entitled:

SYSTEMS AND METHODS FOR A DIGITAL INFORMATION AUTOMATED TELLER MACHINE

described and claimed in the specification:

Check one

- \*a. ☒ attached hereto.  
b. ☐ filed on \_\_\_\_\_ as Application No. \_\_\_\_\_ and amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims,  
as amended by any amendment referred to above.

I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in  
Title 37, Code of Federal Regulations, §1.56. Under Title 35, U.S. Code §119, the priority benefits of the following foreign  
application(s) and/or United States provisional application(s) filed by me or my legal representatives or assigns within one year  
prior to this application are hereby claimed:

The following application(s) for patent or inventor's certificate on this invention were filed in countries foreign to the  
United States of America either (a) more than one year prior to this application, or (b) before the filing date of the above-named  
foreign priority application(s) and/or United States provisional application(s):

I hereby appoint the following as my attorneys of record with full power of substitution and revocation to prosecute this  
application and to transact all business in the Patent Office:

James A. Oliff, Registration No. 27,075; William P. Berridge, Registration No. 30,024;  
Kirk M. Hudson, Registration No. 27,562; Thomas J. Pardini, Registration No. 30,411;  
Edward P. Walker, Registration No. 31,450; Robert A. Miller, Registration No. 32,771;  
Mario A. Costantino, Registration No. 33,565; Stephen J. Roe, Registration No. 34,463;  
Joel S. Armstrong, Registration No. 36,430; Christopher W. Brown, Registration No. 38,025;  
Richard E. Rice, Registration No. 31,560; Paul Tson, Registration No. 37,956;  
Mark Costello, Registration No. 31,342; Ronald F. Chapuran, Registration No. 26,402;  
Eugene O. Palazzo, Registration No. 20,881; Kevin R. Kepner, Registration No. 32,145;  
and/or Richard B. Domingo, Registration No. 36,784.

ALL CORRESPONDENCE IN CONNECTION WITH THIS APPLICATION SHOULD BE SENT TO OLIFF &  
BERRIDGE, PLC, P.O. BOX 19928, ALEXANDRIA, VIRGINIA 22320, TELEPHONE (703) 836-6400.

I hereby declare that I have reviewed and understand the contents of this Declaration, and that all statements made herein  
of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these  
statements were made with the knowledge that willful false statements and the like so made are punishable by fine or  
imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may  
jeopardize the validity of the application or any patent issued thereon.

1 **Typewritten Full Name  
of First or Sole Inventor**

Erin L. CONNER

Given Name Middle Initial Family Name

2 **\*\*INVENTOR'S SIGNATURE:**

*Erin L. Conner*

3 **\*\*DATE OF SIGNATURE:**

8/19/02

Month Day Year

Residence: Rochester New York USA

City State or Province Country

Citizenship: USA

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(Insert complete

mailing address,

including country)

Rochester, NY 14607 USA

\*This form may be executed only when attached to the specification (including claims) at the end thereof if Box a. is checked.

\*\*Note to Inventor: Please sign name exactly as it appears above and insert actual date of signing.

IF THERE IS MORE THAN ONE INVENTOR USE PAGE 2 AND PLACE AN "X" HERE ☐

1	<b>Typewritten Full Name of Second Joint Inventor (if any)</b>		
	James		PASCUCCI
	Given Name	Middle Initial	Family Name
2	<b>**INVENTOR'S SIGNATURE:</b>		
3	<b>**DATE OF SIGNATURE:</b>		
	08	19	2002
	Month	Day	Year
Residence:	Williamson	New York	USA
	City	State or Province	Country
Citizenship:	USA		
	Post Office Address:		
	(Insert complete mailing address, including country)		
	6080 Eddy Ridge Road		
	Williamson, New York 14589 USA		
1	<b>Typewritten Full Name of Third Joint Inventor (if any)</b>		
	Any	Jo	NAYLOR
	Given Name	Middle Initial	Family Name
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3	<b>**DATE OF SIGNATURE:</b>		
	Month	Day	Year
Residence:	Jasper	New York	USA
	City	State or Province	Country
Citizenship:	USA		
	Post Office Address:		
	(Insert complete mailing address, including country)		
	3890 Main Street		
	Jasper, New York 14855 USA		
1	<b>Typewritten Full Name of Fourth Joint Inventor (if any)</b>		
	Given Name	Middle Initial	Family Name
2	<b>**INVENTOR'S SIGNATURE:</b>		
3	<b>**DATE OF SIGNATURE:</b>		
	Month	Day	Year
Residence:			
	City	State or Province	Country
Citizenship:			
	Post Office Address:		
	(Insert complete mailing address, including country)		
1	<b>Typewritten Full Name of Fifth Joint Inventor (if any)</b>		
	Given Name	Middle Initial	Family Name
2	<b>**INVENTOR'S SIGNATURE:</b>		
3	<b>**DATE OF SIGNATURE:</b>		
	Month	Day	Year
Residence:			
	City	State or Province	Country
Citizenship:			
	Post Office Address:		
	(Insert complete mailing address, including country)		

**\*\*Note to Inventors:** Please sign name exactly as it appears and insert the actual date of signing.  
This form may be executed only when attached to the first page of the Declaration and Power of Attorney form and the specification (including claims) of the application to which it pertains.



# FEE TRANSMITTAL

Electronic Version 1.1.0

Stylesheet Version: 1.0

*Patent fees are subject to annual revisions on or about October 1st of each year.*

Large Entity

**TOTAL FEES AUTHORIZED: \$ 954**

The commissioner is hereby authorized to charge indicated processing and/or publication fees and credit any overpayments to:

Deposit Account Number: 240037



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Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

Charge the Issue Fee Set in 37 C.F.R. Section 1.18 at the Mailing of the Notice of Allowance

Charge Assignment Fees Required Under 37 C.F.R. Section 1.21 (h).

## SUBMITTED BY

Authorized Name: Thomas J. Pardini

Electronic Signature Mark: /Thomas J. Pardini/

Date Signed: 20020903

## BASIC FILING FEE

Fee Description	Fee Code	Fee Paid
Utility Filing Fee	101	\$ 740

Subtotal For Basic Filing Fee: \$ 740

## EXTRA CLAIM FEES

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 25	103	\$ 18	5	\$ 90



Independent Claims: 4	102	\$ 84	1	\$ 84
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Subtotal For Extra Claims Fees: \$ 174

ADDITIONAL FEES

Fee Description	Number	Quantity	Fee Code	Amount	Fee Paid
Recording Each Patent Assignment Per Property Fee	000000000	1	581	\$ 40	\$ 40

Subtotal For Additional Fees: \$ 40